



DEPARTMENT OF THE ARMY

U.S. Army Corps of Engineers
WASHINGTON, D.C. 20314-1000

29 JAN 1996

REPLY TO
ATTENTION OF:

CEMP-ET (1110)

MEMORANDUM FOR Commanders, Major Subordinate Commands,
ATTN: Directors of Engineering and
Technical Services

SUBJECT: Engineering Considerations and Instructions (ECI) for
MILCON Projects

1. Delivery of quality projects to our customers is our basic mission strength. It takes the collective efforts of many to fulfill this responsibility; however, Engineering and Construction are two elements whose performance have a direct bearing on the quality of our projects and thus on the level of customer satisfaction. It is, therefore, imperative that we convey to Construction Division complete and accurate information on our designs. The plans and specifications are the vehicle for turning our designs into reality and they contain the information needed to construct the project as designed. In certain situations, it would be desirable to provide additional information to Construction field personnel to ensure they have all the tools they need to construct quality projects.


2. Effective immediately, Engineering Division is required to prepare an Engineering Considerations and Instruction (ECI) document for certain MILCON projects. As a general rule, the ECI should be reasonably short - no more than five pages - and should be prepared for those projects determined by the Chief of Engineering Division as requiring special attention. This document is to be provided Construction Division prior to contract award.

3. The ECI will be a brief document outlining the engineering considerations used to formulate and design the project. The document should include discussions on why specific designs and material sources were selected, features which may require special attention, any particular user requirements, and other project-specific information deemed useful to provide the field personnel the insight and background necessary to review contractor proposals and resolve minor construction problems without compromising the design intent. The ECI should also include a schedule of visits to construction site by design personnel.

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4. It should be noted that the ECI is not a contractual document, not intended to supplement the plans and specifications, nor should it be in conflict with the contract requirements. Point of contact for this action is Mr. Ray Navidi, CEMP-ET, (202) 761-0223.


KISUK CHEUNG, P.E.
Chief, Engineering Division
Directorate of Military Programs

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District Commanders, ATTN: Chiefs, Engineering Divisions